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FEBRUARY, 1932

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GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Grape propagation, pruning, and training. George C. Husmann, Bureau of Plant Industry. 25 p., illus. (Farmers' Bulletin 471F., rev.) Price, 5¢.

Cattle-fever ticks and methods of eradication. W. P. Ellenberger and Robert M. Chapin, Bureau of Animal Industry. 28 p., illus. (Farmers' Bulletin 1057F., rev.) Price, 5¢

Parasites and parasitic diseases of sheep. Maurice C. Hall, Bureau of Animal Industry. 46 p., illus. (Farmers' Bulletin 1330F., rev.) Price, 10¢.

Dairy cattle breeds. Amer B. Nystrom, Bureau of Dairy Industry. 30 p., illus. (Farmers' Bulletin 1443F., rev.) Price, 5¢.

Barley. Culture, uses, and varieties. Harry V. Harlan, Bureau of Plant Industry. 33 p., illus. (Farmers' Bulletin 1464 F., rev.) Price, 5¢.

Feeding chickens. M. A. Jull and A. R. Lee, Bureau of Animal Industry. 22 p., illus. (Farmers' Bulletin 1541F., rev.) Price, 5¢.

Common errors in cotton production. O. F. Cook, Bureau of Plant Industry. 26 p., illus. (Farmers' Bulletin 1686F.) Price, 5¢.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Beef grading and stamping service. W. C. Davis, Bureau of Agricultural Economics. 8 p., illus. (Leaflet 67L., rev.) Price, 5¢.

More turpentine, less scar, better pine. Eloise Gerry, Forest Service. 4 p., illus. (Leaflet 83L.) Price, 5¢.

Planting black walnut. W. R. Mattoon, Forest Service, and C. A. Reed, Bureau of Plant Industry. 8 p., illus. (Leaflet 84L.) Price, 5¢.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Results of seed-treatment experiments with yellow dent corn. James R. Holbert, Bureau of Plant Industry, and Benjamin Keohler, Illinois Agricultural Experiment Station. 64 p., illus. (Technical Bulletin 260T.) Price, 20¢.

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Evaporation from free water surfaces. Carl Rohwer, Bureau of Agricultural Engineering. In cooperation with the Colorado Agricultural Experiment Station. 96 p., illus. (Technical Bulletin 271T.) Price, 25¢.

Correlation of heredity and other factors affecting growth in guinea pigs. Orson N. Eaton, Bureau of Animal Industry. 36 p., illus. . (Technical Bulletin 279T.) Price, 10¢.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

New citrus hybrids. Walter T. Swingle, T. Ralph Robinson, and E. M. Savage, Bureau of Plant Industry. 20 p., illus. (Circular 181C.) Price, 20¢.

Irrigated crop rotations in western South Dakota. Stephen H. Hastings and Beyer Aune, Bureau of Plant Industry. 47 p., illus. (Circular 188C.) Price, 10¢.

Cream-standardization tables. O. E. Williams, Bureau of Dairy Industry. 14 p. (Circular 199C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Directory of field activities of the Bureau of Plant Industry. 120 p. (Miscellaneous Publication 129MP.) Price, 20¢.

Feeding and management investigations at the United States Dairy Experiment Station at Beltsville, Md. 1930 report. T. E. Woodward, J. B. Shepherd, and R. R. Graves, Bureau of Dairy Industry. 24 p., illus. (Miscellaneous Publication 130MP.) Price, 5¢.

Conservation of fertilizer materials from minor sources. C. C. Fletcher, Bureau of Chemistry and Soils. 7 p., illus. (Miscellaneous Publication 136MP.) Price, 5¢.

Protein tests for wheat and oil tests for flaxseed and soybeans: Importance in production and marketing. Prepared in the Bureau of Agricultural Economics. 45 p, illus. (Miscellaneous Publication 140MP.) Price, 10¢.

STATISTICAL BULLETINS

Tables giving statistics relating to one or more closely related agricultural commodities. Of interest to persons engaged in marketing or any business affected by agricultural production.

Stumpage and log prices for the calendar year 1930. Compiled by Henry B. Steer, Forest Service. 59 p., illus. (Statistical Bulletin 37S.) Price, 15¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Index to Service and Regulatory Announcements, January–December, 1931. Bureau of Animal Industry. pp. 127–129. Price, 5¢.

Notices of judgment under the food and drugs act. Food and Drug Administration. pp. 235–270. (N. J., F. D. 18351–18400.) Price, 5¢.

Phony peach-disease quarantine No. 67. Revision of quarantine and regulations. Plant Quarantine and Control Administration. 7 p. (P. Q. C. A.—Q. 67, rev. Effective November 30, 1931.) Price, 5¢.

Service and Regulatory Announcements, 1930. Plant Quarantine and Control Administration. vi p. Price, 5¢.

OTHER PUBLICATIONS

Report of the Chief of the Bureau of Public Roads. Thomas H. MacDonald. 88 p. Price, 10¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 16, Nos. 1–2, January and February, 1932. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Climatological data. Vol. 18, No. 9, September, 1931.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or $4 a year.[1] Not for general distribution.

Daily weather maps. Limited edition. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 66, No. 2, February, 1932. Single numbers for sale only. Price, 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

Extension service review. Vol. 3, No. 2, February, 1932. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administration information.

Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year, foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

——— Vol. 43, No. 12. December 15, 1931. Illus.

CONTENTS:

Plant succession and grazing capacity on clay soils in southern New Mexico. Key No. F–57. R. S. Campbell.
Control of gastrointestinal parasites of sheep by weekly treatments with various anthelmintics. Key No. A–150. Willard H. Wright and John Bozicevich.
An apparatus for growing plants under controlled environmental conditions. Key No. G–793. Robert A. Steinberg.
Inheritance of resistance in oats to *Ustilago levis*. Key No. G–797. F. A. Coffman, T. R. Stanton, B. B. Bayles, G. A. Wiebe, R. W. Smith, and V. F. Tapke.
The antiscorbutic vitamin in home-canned carrots. Key No. N. Y. (Cornell)–16. Adelaide Spohn and Amy Hunter.
The antiscorbutic vitamin in the juice of home-canned tomatoes. Key No. N. Y. (Cornell)–17. Adelaide Spohn.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Journal of agricultural research. Vol. 44, No. 1, illus. January 1, 1932.

CONTENTS:

A study of the physiologic forms of kernel smut (*Sphacelotheca sorghi*) of sorghum. Key No. G–791. L. E. Melchers, C. H. Ficke, and C. O. Johnston.

Dehiscence of the boll of *linum rigidum* and related species. Key No. G–795. A. C. Dillman and J. C. Brinsmade, jr.

Inheritance of height in broomcorn. Key No. G–794. John B. Sieglinger.

Effect of temperature on rate of decay of sugar beets by strains of *Phoma betae*. Key No. 798. C. M. Tompkins and Dean A. Pack.

Root constriction of cotton plants in the San Joaquin Valley of California. Key No. G–799. J. W. Hubbard.

Heterothallism and hybridization in *Tilletia tritici* and *T. levis*. Key No. G–800. H. H. Flor.

The vitamin A, B, C, and G content of Sultanina (Thompson seedless) and Malaga grapes and two brands of commercial grape juice. Key No. T–4. Esther Peterson Daniel, and Hazel E. Munsell.

Factors influencing the changes in oxidation-reduction potential on the reduction of methylene blue in milk. Key No. Kans.–64. A. C. Fay and Glenn A. Aikins.

Effect of light on the reduction of methylene blue in milk. Key No. Kans.–65. Glenn A. Aikins and A. C. Fay.

Monthly weather review. Vol. 59, No. 11, November, 1931. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign. Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Snow and Ice Bulletin. Nos. 8–11, February 3, 10, 17, 24, 1932. 1 p., map. 50¢ a year. Free distribution limited to cooperators with the Weather Bureau.

Issued on Tuesdays during the winter. Based on data from regular Weather Bureau and selected cooperative stations. As far as practicable all reports of snow and ice are given.

The official record. Vol. 11, Nos. 5–8, January 30, February 6, 13, 20, 1932. Price, 5¢ a copy; 50¢ a year, domestic; $1.10 a year, foreign.[1]

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weather outlook. Limited edition. Not for general distribution.

Prepared at and distributed from the following forecast centers of the Weather Bureau: Washington, D. C., New Orleans, La., Chicago, Ill., Denver, Colo., and San Francisco, Calif.

Weekly weather and crop bulletin. Not for general distribution.

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

Indicate below, by numbers, bulletins desired. In order to assure prompt delivery, **detach this frank** and return in stamped envelope to U. S. Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications.

Farmers' Bulletins	Leaflets	Technical Bulletins	Circulars	Miscellaneous Publications	Other publications

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